INTEGRATION OF ASPECT AND RISK FINANCIAL ON SUPPLY CHAIN NETWORK UNDER DEMAND UNCERTAINTY MODEL

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ABSTRACT

Allocation determination on supply chain network which is right on the uncertainty demand affect the final goal of firm. By adding financial aspect as financial statement analysis and financial ratio, it’s expected can maximize the Economic Value Added (EVA™) who play role as the firms’s final performance measurement. But it’s not enough by maximize Economic Value Added (EVA™), because behind that the firm also has the duty and burden to filled. Otherwise behind the profit gooined, the firm has the rise burden. This research development model is add financial risk which is leverage, where leverage divide into two are operating leverage and financial leverage. The operating leverage to analyse plan and financial control. Operating leverage do as the use it fixed operating cost and financial leverage do as the fixed cost accrued of the financial decision.

Beside that on this research do the sensitivity analysis to figure the model’s behavior to the changes that is the sensitifity on supply chain network including, storage officiming and distribution, production cost, handling cost, storage cost and transportation cost and also the financial sensitivity including long term rate, short term rate, and taxed rate.

Keywords: supply chain network, financial statement analysis, financial ratio, operating leverage, financial leverage and sensitivity analysis.